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AS85049/85

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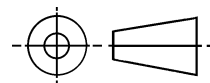
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THIRD ANGLE PROJECTION



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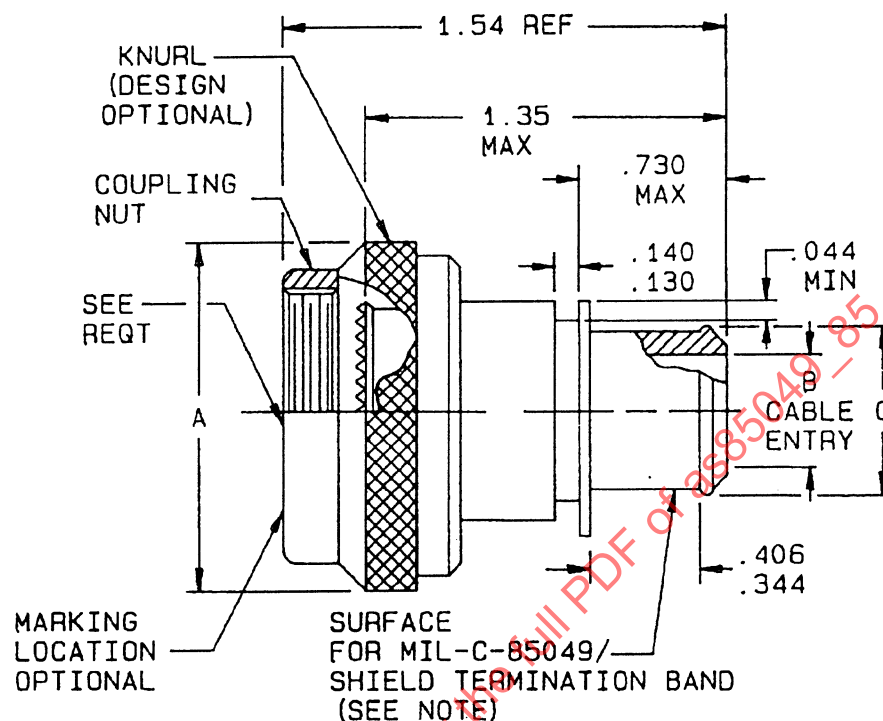
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AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
STRAIGHT, SELF-LOCKING, SHIELD BAND TERMINATION, (RFI/EMI),
SHRINK BOOT ACCOMMODATION, CATEGORY 3B
(FOR MIL-C-38999 SERIES I AND II CONNECTORS)

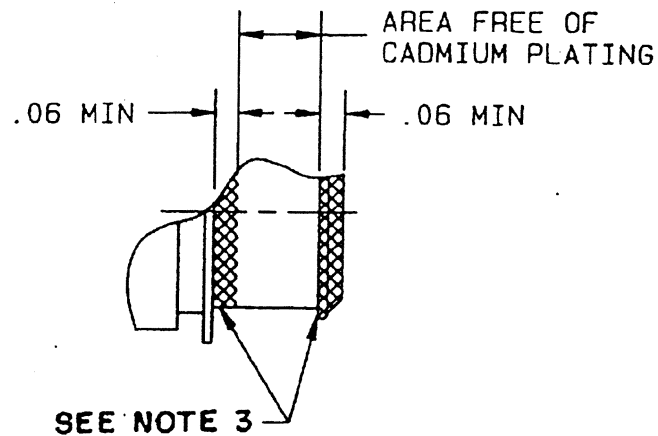
AS85049/85
SHEET 1 OF 5

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NOTE: Ribbed, internal knurl or surface roughness R_a 125-250 in accordance with ANSI B46.1. See figure 2 for selective plating details.

FIGURE 1. CONFIGURATION AND DIMENSIONS.



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.044	1.12	.562	14.27	.829	21.06	1.157	29.39
.130	3.30	.583	14.81	.858	21.79	1.279	32.49
.140	3.56	.625	15.88	.895	22.73	1.350	34.29
.250	6.35	.684	17.37	.938	23.83	1.406	35.71
.312	7.92	.707	17.96	.957	24.31	1.516	38.51
.395	10.03	.730	18.54	.984	24.99	1.642	41.71
.438	11.13	.750	19.05	1.000	25.40	1.768	44.91
.457	11.61	.770	19.56	1.083	27.51	1.889	47.98
.500	12.70	.812	20.62	1.145	29.08		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 (25.4 mm).
3. Cadmium/nickel interface shall be coated with polysulfide sealant.

FIGURE 2. SELECTIVE PLATING.

AEROSPACE STANDARD

CONNECTOR ACCESSORIES, ELECTRICAL, BACKSHELL,
STRAIGHT, SELF-LOCKING, SHIELD BAND TERMINATION, (RF/EMI),
SHRINK BOOT ACCOMMODATION, CATEGORY 3B
(FOR MIL-C-38999 SERIES I AND II CONNECTORS)

TABLE I. SHELL SIZE AND DIMENSIONS.

Accessory shell size	Connector shell size		A max dia	B dia ±.010 entry size		C dia ref	
	Series I	Series II		01	02	01	02
08	8	9	.859	N/A	.250	N/A	.395
10	10	11	.986	N/A	.312	N/A	.457
12	12	13	1.156	.312	.438	.457	.583
14	14	15	1.281	.438	.562	.583	.707
16	16	17	1.406	.500	.625	.645	.770
18	18	19	1.516	.625	.750	.770	.895
20	20	21	1.641	.625	.812	.770	.957
22	22	23	1.766	.688	.938	.829	1.083
24	24	25	1.891	.750	1.000	.895	1.145